

9-13 1955

From the desk of:

ROBERT N. DU PUIS

To:

~~Acorn~~
~~Cum~~
~~Sts~~
~~Jy~~
~~FR~~
JCS

Return by Oct. 10

RD

How about smoking some of these, containing specifically labeled organic compounds and analyze the products using gas chromatography; the detecting device could be a Geiger counter and mass spectrum would provide positive identification. RBS

We need a heated inlet system to run these compounds in the mass spectrometer.

A quantitative measure of the amount of CO_2 exchanging with the leaves could be easily determined with the mass spectrometer. J.E.R.

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